

XP-002249147

AN - 1983-841300 [50]

A - [001] 013 028 03- 055 056 06- 061 062 063 075 141 147 15- 150 18- 198
231 240 244 245 252 259 273 311 316 335 336 342 371 376 402 405 414
44& 448 456 491 493 502 546 55& 56& 575 596 681 688 720

- [002] 013 028 03- 034 041 046 047 06- 066 067 075 147 15- 18- 198 231
240 244 245 252 259 27& 273 311 316 335 336 342 371 376 402 405 414
44& 448 456 491 493 502 546 55& 56& 575 596 681 688 720

- [003] 013 04- 041 046 050 371 376 53- 623 629 688

CPY - TOPO-N

DC - A18 A25 A32

FS - CPI

IC - C08J9/24

KS - 0013 0034 0035 0036 0037 0060 0206 0209 0222 0224 0229 0231 0241 0248
0304 0759 0789 1279 1283 1294 1588 1989 2007 2318 2344 2393 2444 2447
2522 2539 2654 2745 3155 3202 3215

MC - A11-B06D A12-S04A

PA - (TOPO-N) TOYO POLYMER KK

PN - JP58189242 A 19831104 DW198350 004pp

PR - JP19820074174 19820430

XA - C1983-121428

XIC - C08J-009/24

AB - J58189242 Process comprises (a) preparing a compsn. comprising (i) polymer, (ii) cpd. which is soluble or is swelled to both good solvent for (i) and (iii) non-solvent compatible with (ii); (b) injecting the compsn. into a mould of porous material; (c) gelling the compsn. in the non-solvent or under an atmos of non-solvent vapour; (d) removing the gel; and (e) extracting and removing (ii) from the gel in the non-solvent or under an atmos. of non-solvent vapour.

- Pref. polymers include polyurethane, PVC, polystyrene, EVA and polyamide. Pref. (ii) include PVA, polyethyleneoxide and methylcellulose. The good solvent is e.g. DMF, acetone, dioxane, tetrahydrofuran or phenol, and non-solvent is e.g. water or alcohol.

- Porous articles having high ratio of open cell to closed cell is produced. The thickness of the article is freely controlled.(0/0)

IW - POROUS POLYMER ARTICLE PRODUCE INJECTION MIXTURE POLYMER SOLVENT NON SOLVENT POROUS MOULD GEL REMOVE GEL EXTRACT NON SOLVENT

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NC - 001

OPD - 1982-04-30

ORD - 1983-11-04

PAW - (TOPO-N) TOYO POLYMER KK

TI - Porous polymer article prodn. - by injecting mixt. of polymer, solvent and non-solvent into porous mould, gelling, removing gel and extracting non-solvent